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# Kongeriget Danmark

Patent application No.:

PA 1999 00888

Date of filing:

22 June 1999

Applicant:

NeuroSearch A/S Smedeland 26B

DK-2600 Glostrup

This is to certify the correctness of the following information:

The attached photocopy is a true copy of the following document:

The specification and claims as filed with the application on the filing date indicated above.





Patent- og Varemærkestyrelsen

Erhvervsministeriet

Taastrup 26 October 2001

Karin Schlichting

**Head Clerk** 

International application No. PCT/DK 00/00333

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D 235/06, C07D 401/10, C07D 403/10, C07D 405/14, C07D 409/02, C07D 413/14, A61K 31/4184, A61K 31/496, A61P 21/00, A61P23/00, A61P25/00 According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

#### IPC7: CO7D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCC	MENTS CONSIDERED TO BE RELEVANT	·
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	9817651 A1 (NEUROSEARCH A/S), 30 April 1998 (30.04.98), the claims and examples	1-22
i	<del></del>	
X	WO 9633194 A1 (NEUROSEARCH A/S ET AL), 24 October 1996 (24.10.96), the claims and examples	1-22
	<del></del>	
х	9919323 A1 (NEUROSEARCH A/S ET AL), 22 April 1999 (22.04.99), the claims and examples	1-22
	_ <del>_</del>	
Х	WO 9633191 A1 (NEUROSEARCH A/S ET AL), 24 October 1996 (24.10.96), the claims and examples	1-22

X	Further documents are listed in the continuation of Bo.	x C.	X See patent family annex.
"A" "E" "L" "O"	Special categories of cited documents:  document defining the general state of the art which is not considered to be of particular relevance erlier document but published on or after the international filing date document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"Y"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
	e of the actual completion of the international search  October 2000	Date o	of mailing of the international search report 3 0. 11, 2000
	Name and mailing address of the International Searching Authority European Patent Office P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel(+31.70)340-2040. Tx 31 651 eop nl.		rized officer VEIG GUSTAVSSON/ELY

Telephone No.

Fax(+31-70)340-3016
Form PCT/ISA/210 (second sheet) (July 1992)

International application No.
PCT/DK 00/00333

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	Jation). DOCUMENT'S CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant p.	assages Relevant to claim N
Χ .	EP 0616807 A1 (MEIJI SEIKA KAISHA LTD.), 28 Sept 1994 (28.09.94), the claims and examp	1-22 les
i	· <del></del>	
X	אל 9633192 A1 (NEUROSEARCH A/S ET AL), 24 October 1996 (24.10.96), the claims and examples	1-22
х	US 5554632 A (LENE TEUBER ET AL), 10 Sept 1996 (10.09.96), the claims and examples	1-22
	<del></del>	
X	US 5554630 A (LENE TEUBER ET AL), 10 Sept 1996 (10.09.96), the claims and examples	1-22
	<del></del>	
x	WO 9834923 A1 (MERCK SHARP & DOHME LIMITED), 13 August 1998 (13.08.98), the claims	1-22
	<del></del>	
]	A/210 (continuation of second sheet) (July 1992)	

International application No. PCT/DK00/00333

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This inte	mational search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. 🛛	Claims Nos.: 21-22 because they relate to subject matter not required to be searched by this Authority, namely:
	See extra sheet.
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
	· · · · · · · · · · · · · · · · · · ·
3.	Claims Nos.:
	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).:
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
. –	
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	on Protest
	No protest accompanied the payment of additional search fees.

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Claims 21-22 relate to methods of treatment of the human or animal body by surgery or by therapy/diagnostic methods practised on the human or animal body/ Rule. 39.1.(iv). Nevertheless, a search has been executed for these claims. The search has been based on the alleged effects of the compound(s)/composition(s).

Form PCT/ISA/210 (extra sheet) (July1992)

## INTERNATIONAL SEARCH REPORT Information on patent family members

International application No.
PCT/DK 00/00333

	nt document n search report		Publication date		Patent family member(s)		date
10	9817651	A1	30/04/98	AU	4616197		15/05/98
				CN	1234025		03/11/99
				CZ	9901272		15/09/99
				EP	0934281	A 	11/08/99
10	9633194	A1	24/10/96	AT	194836		15/08/00
				AU	695957		27/08/98
				AU	699623		10/12/98
			•	AU	5501496		07/11/96
				AU	5689196		07/11/96
				AU	5690696		07/11/96
				BR	9608048		30/11/99
				BR	9608056		30/11/99
				CA	2217601		24/10/96
				CA	2218493		24/10/96
				CA	2218552		24/10/96
				CN	1182425		20/05/98 20/05/98
				CN	1182426		20/05/98
				CN	1182427		18/03/98
				CZ	9703291 9703292		18/03/98
				CZ	69609413		00/00/00
				DE EP	0821682		04/02/98
				EP	0821683		04/02/98
				EP	0821684		04/02/98
				HU	9801692		29/03/99
				HU	9802272		28/09/99
				JP	3040485		15/05/00
				ĴΡ	11501320		02/02/99
				JP	11501321		02/02/99
				JP	11511734		12/10/99
				NO	974843		15/12/97
				NO	974844	A	16/12/97
				NZ	307521	A	29/04/99
				NZ	307532		29/03/99
				PL	322892		02/03/98
				PL	322944		02/03/98
				RU	2135493		27/08/99
				RU	2136676		10/09/99
				SK	139997		06/05/98
				SK	140697		06/05/98
				US	5902813		11/05/9 <del>9</del>
				US	5922724		13/07/99
				US	5922725		13/07/99
				WO WO	9633191 9633192		24/10/96 24/10/96
							03/05/99
MO	9919323	A1	22/04/99	AU	9433298 1023286		02/08/00
				EP	9809238		17/05/99
				ZA	2002630	rt.	11/00/00

Information on patent family members

International application No. PCT/DK 00/00333

	nt document n search report	Publication date		Patent family member(s)		Publication date
WO	9633191	 24/10/96	AT	194836		15/08/00
			ΑU	695957		27/08/98
			AU	699623	В	10/12/98
			AU	5501496	Α	07/11/96
			AU	5689196	A	07/11/96
			AU	5690696	A	07/11/96
			BR	9608048	A	30/11/99
			BR	9608056	A	30/11/99
			CA	2217601		24/10/96
			CA	2218493	A	24/10/96
			CA	2218552	A	24/10/96
		•	CN	1182425	A	20/05/98
			CN	1182426		20/05/98
			CN	1182427	Α	20/05/98
			CZ	9703291	A	18/03/98
			CZ	9703292	Α	18/03/98
			DE	69609413	D	00/00/00
			EP	0821682	A,B	04/02/98
			EΡ	0821683	Α	04/02/98
			EP	0821684	A	04/02/98
			HU	9801692	Α	29/03/99
			HU	9802272		28/09/99
			JP	3040485	В	15/05/00
			JP	11501320	T	02/02/99
			JP	11501321	T	02/02/99
			JP	11511734		12/10/99
			NO	974843		15/12/97
			NO	974844		16/12/97
			NZ	307521		29/04/99
			NZ	307532		29/03/99
			PL	322892		02/03/98
			PL	322944		02/03/98
			RU	2135493		27/08/99
			RU	2136676		10/09/99
			SK	139997		06/05/98
			SK	140697		06/05/98
			US	5902813		11/05/99
			US	5922724		13/07/99
			US	5922725		13/07/99
			MO	9633192		24/10/96
			MO	9633194	Α	24/10/96

Information on patent family members

International application No. PCT/DK 00/00333

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 555463	32 A	10/09/96	AT AU CA CN DE DK EP ES FI NO NO NZ US ZA DK	168007 T 675484 B 5752194 A 2119511 A 1099391 A 69411424 D,T 33793 D 0616807 A,B 2119124 T 941378 A 7002838 A 306464 B 941052 A 260050 A 5554630 A 9402079 A 105593 D	15/07/98 06/02/97 29/09/94 25/09/94 01/03/95 28/01/99 00/00/00 28/09/94 01/10/98 25/09/94 06/01/95 08/11/99 26/09/94 26/01/96 10/09/96 24/10/94 00/00/00
US 555463	30 A	10/09/96	AT AU CA CN DE DK EP ES FI JP NO NO NZ US ZA DK	168007 T 675484 B 5752194 A 2119511 A 1099391 A 69411424 D,T 33793 D 0616807 A,B 2119124 T 941378 A 7002838 A 306464 B 941052 A 260050 A 5554632 A 9402079 A 105593 D	15/07/98 06/02/97 29/09/94 25/09/94 01/03/95 28/01/99 00/00/00 28/09/94 01/10/98 25/09/94 06/01/95 08/11/99 26/09/94 26/01/96 10/09/96 24/10/94 00/00/00
WO 983492	3 A1	13/08/98	AU EP EP GB US WO	5874498 A 0968191 A 1015904 A 9702524 D 6071909 A 9914615 A	26/08/98 05/01/00 05/07/00 00/00/00 06/06/00 25/03/99

Information on patent family members

International application No. PCT/DK 00/00333

Patent document cited in search report					Patent family member(s)		Publication date
EP	0616807	A1	28/09/94	AT	168007	T	15/07/98
				ΑU	675484	В	06/02/97
				ΑU	5752194	Α	29/09/94
				CA	2119511	A	25/09/94
				CN	1099391	A	01/03/95
				DE	69411424	D.T	28/01/99
				DK	33793	D´	00/00/00
				ES	2119124	T	01/10/98
				FI	941378	Α	25/09/94
				JP	7002838	Α	06/01/95
				NO	306464	В	08/11/99
				NO	941052	Α	26/09/94
				NZ	260050	A	26/01/96
				US	5554630	A	10/09/96
				US	5554632		10/09/96
				ZA	9402079		24/10/94
				DK	105593	• •	00/00/00